FIGURE 1. ENZYMATIC SYNTHESIS OF DNA USING A MODIFIED NUCLEOTIDE

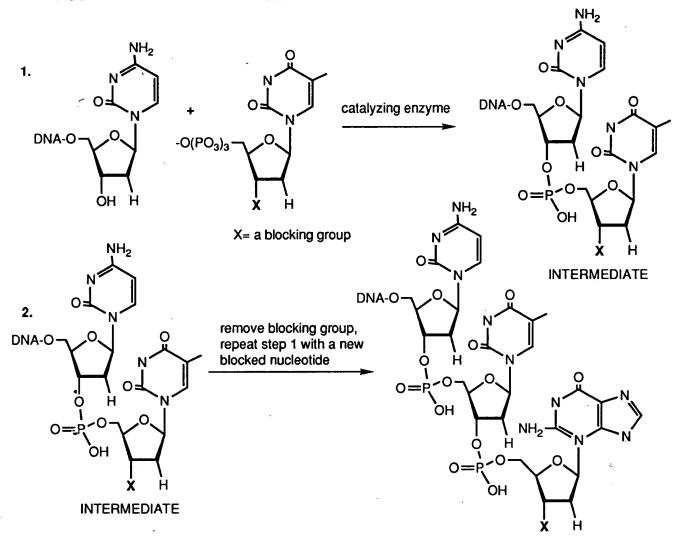






FIGURE 2. EXAMPLE AND GENERAL STRUCTURE OF A BLOCKED NUCLEOTIDE

3'- TOLUIC ACID ESTER OF THYMIDINE 5'-TRIPHOSPHATE



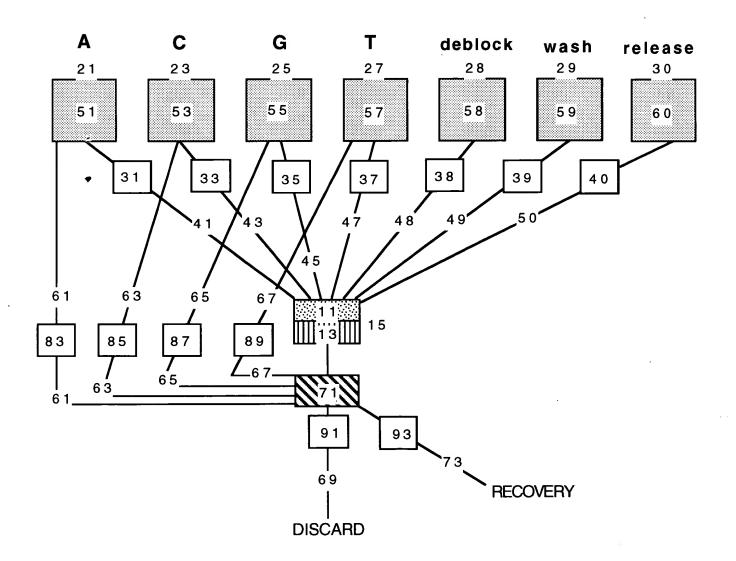




FIGURE 4. ALTERNATIVE AUTOMATED PROCESS FOR THE SYNTHESIS OF DNA

